

ABSTRACT

USE OF A NON-MAGNETIC COATING TO COVER
PARTS IN A WATCH MOVEMENT

The present invention proposes to improve the yield of a micro-generator (1) used for operating a timepiece. This micro-generator operates on the basis of the phenomenon of electromagnetic induction; it is thus desirable to limit the presence of magnetic masses in proximity to said generator as much as possible. Research
5 carried out has shown that the finish coating covering the movement-blank parts (11, 12) arranged in proximity to the micro-generator brakes the latter when it is made of a magnetic material, and in particular a ferromagnetic material. Thus, the exclusive selection of non-magnetic materials for manufacturing the movement-blank and its coating is proposed.

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Figure 2